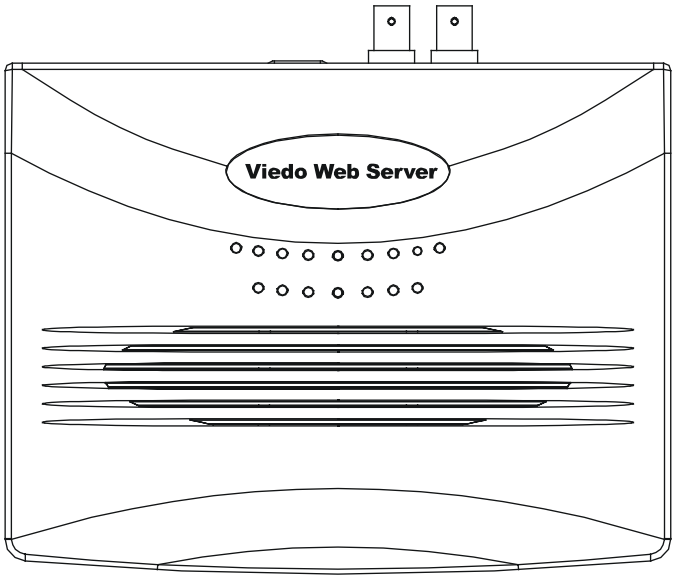
Video Web Server

PATENT

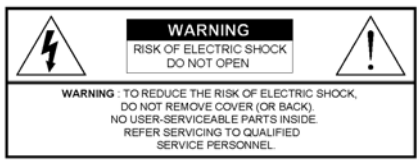


User's Manual

Please read instructions thoroughly before operation and retain it
for future reference.

WARNING

The apparatus shall not be exposed to dripping. No objects filled with liquids, such as vases, shall be placed on the apparatus.


WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN
WARNING : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance-(servicing) instructions in the literature accompanying the appliance.

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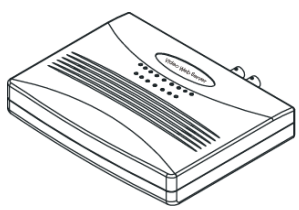
What do you get ?

FEATURES

1. Compatible with most of CCTV Products.
2. Empower all video output device watching and controlling on the Internet or LAN.
3. Auto Network Reconnection (ANR).
4. Support alarm triggers recording & watch dog function.
5. Support Dynamic IP address via a Router.
6. Support 4 alarm inputs.
7. Duplex function, record and playback simultaneously at client site.
8. Auto e-mail warning system & images uploading function (to FTP site) that will remind you if external alarm happened.
9. Intelligent non-stoppable recording function after ANR.
10. Support Multi AP screens and HTTP display (IE browser).
11. Unique video player.

PACKAGE CONTENTS



Video Web Server

Manual & Quick Start & CD

Terminal block

Crossover LAN cable

Adaptor

NOTE : Please check the package to make sure that you receive all accessories shown above.

SPECIFICATIONS

Video Input	2 Channels for analog & digital products, 1.0 Vp-p, 75, Composite, BNC
Alarm Input	4 Inputs
Watch dog	Yes*
RS-485 Port	Yes
Network Interface	Ethernet (10/100 Base-T)
Image Compression	JPEG
Video Adjustment	Brightness, Contrast, Saturation, Quality Level adjust
Protocols	TCP/IP, ICMP, SMTP, FTP, HTTP
Hardware	CPU: 16 Bits RISC Processor, ROM: 512K Bytes Flash, RAM:8M Bytes SDRAM,
	One RJ-45 for 10/100 Mbps Ethernet, LED to indicate Link / Act status,
	GPIO with triggers for E-mail or FTP site
Resolution	VGA: 640x480, QVGA: 320x240
Performance	Video through put : Up to 15(NTSC), 12.5(PAL) frames/ second,
Trigger & Action	Triggered by GPIO Input, Action: E-mail images or images uploading to FTP site's specific accounts
Installation	Assign IP address
Security	Password Protection
Power Source	DC 12V
Current consumption	500 mA

Design and specifications are subject to change without notice.

* This function can keep Video Web Server to work normally and to avoid this unit to be down.

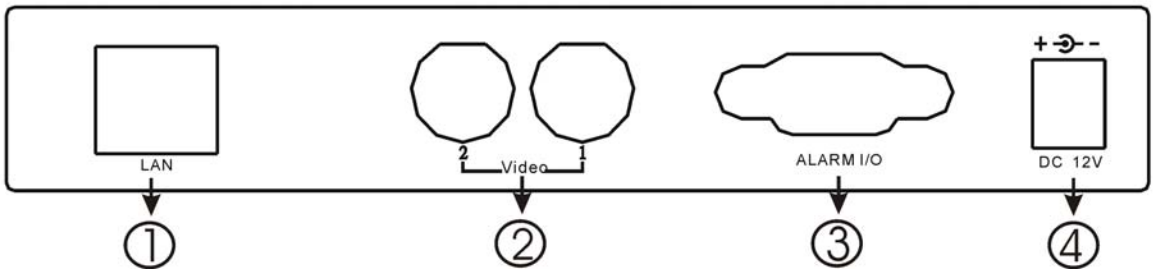
Before Operation

IP ADDRESS APPLY

Before installation, contact your ISP for your own IP address.

Note : The bundled software is compatible only with Windows operation systems : WIN2000, WIN2003, and WINXP. It is not suggested to use WIN98 & WIN ME which may cause system conflictions with the software.

REAR PANEL



1. LAN

Connect Video Web Server to the Internet or LAN with cable or connect directly to PC with standard pass through cable.

2. VIDEO INPUT (2 channels)

Connect to video source, such as camera or DVR video output.

3. ALARM I/O (optional for advanced applications)

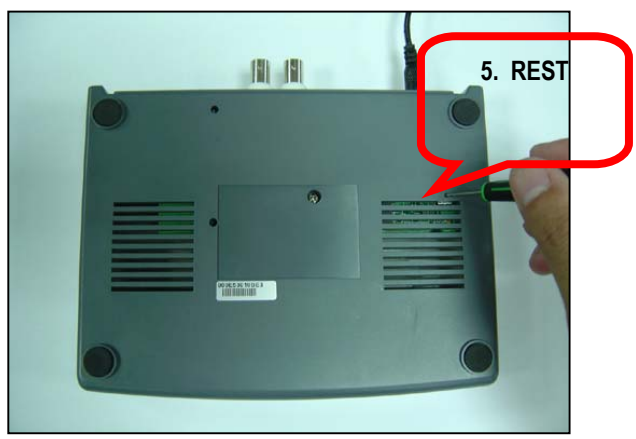
Connect control devices, such as PTZ, DVR and external alarm signal input.

4. POWER

Plug in the supplied power adaptor (12V / 500mA).

5. RESET (at the bottom of Video Web Server)

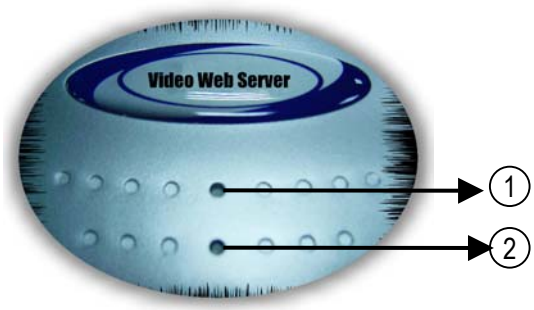
Press this button to default setting (Refer to page 7).



****LED light****

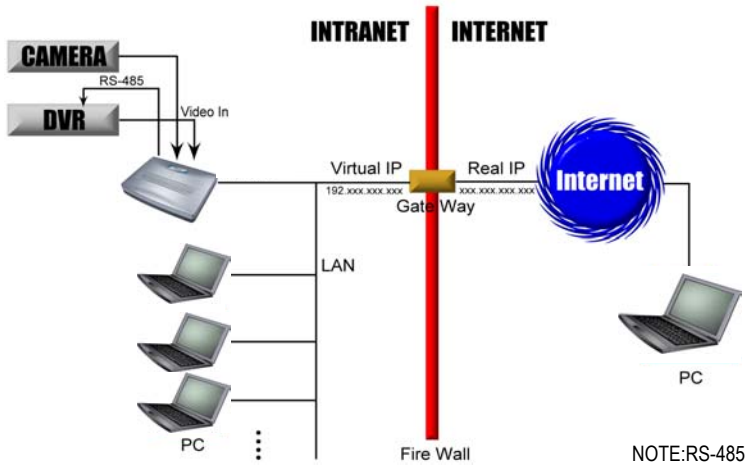
1)When it glitters, that means the system is normal.

2)When it lights, that means the network is normal.



HARDWARE CONNECTION AT SERVER SITE

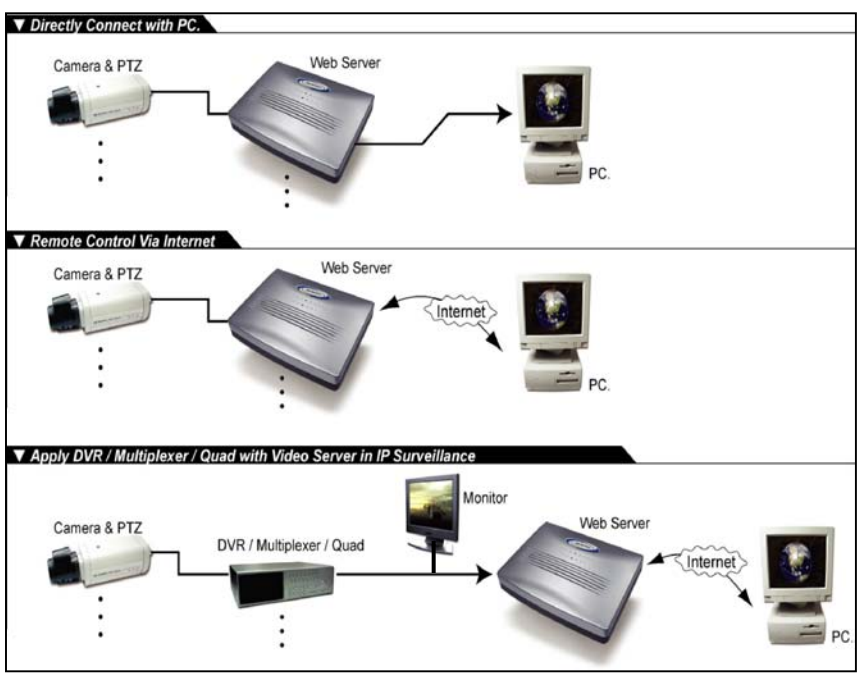
A . Connection Structure



NOTE:RS-485 for DVR controlling is optional.

1. Connect video output of camera or DVR with the video input of Video Web Server.
2. Connect PC with Video Web Server for IP setting.
3. Connect Video Server with ADSL or CABLE MODEM with Static IP address.
4. Connect PC with Internet and remote control Video Web Server.

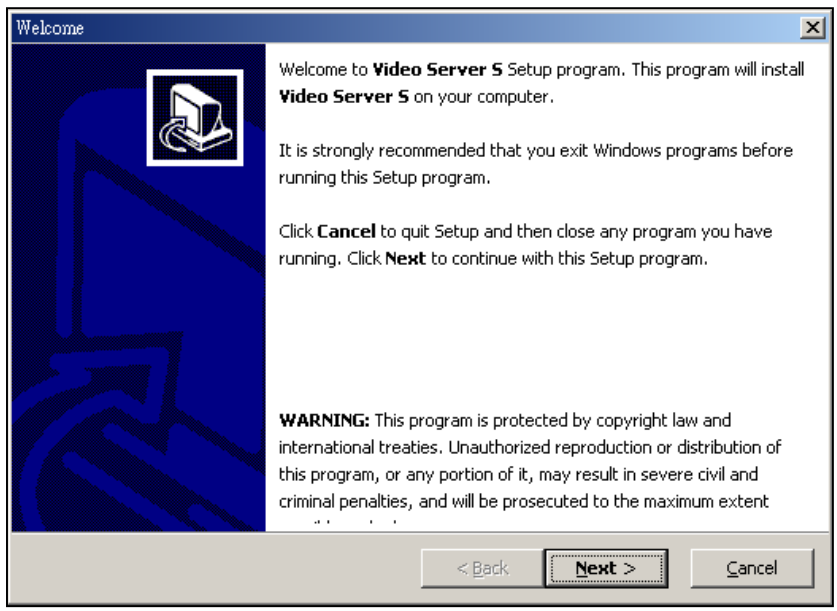
B . Connection Application



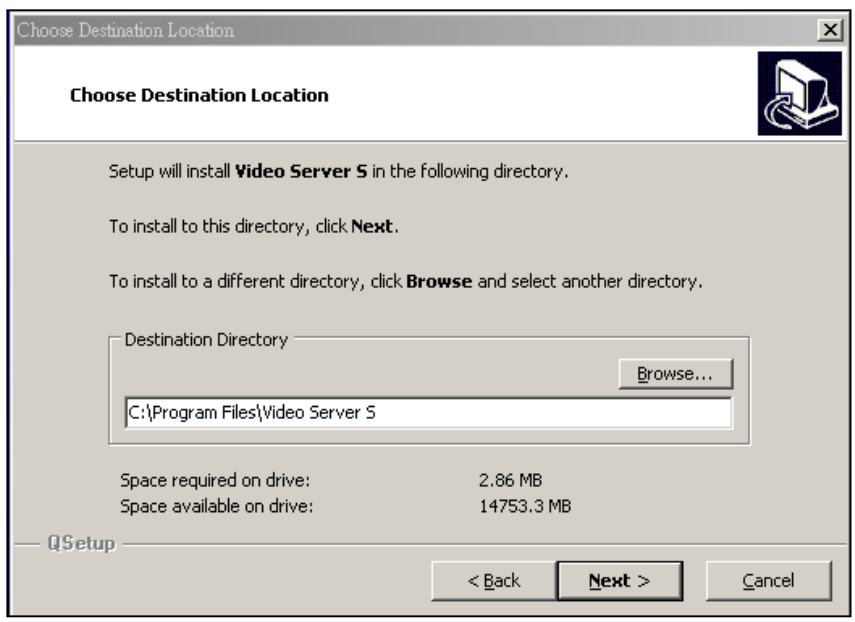
SOFTWARE INSTALLATION

1. Put the attached CD into a CD-ROM and it will start to install application program into PC.

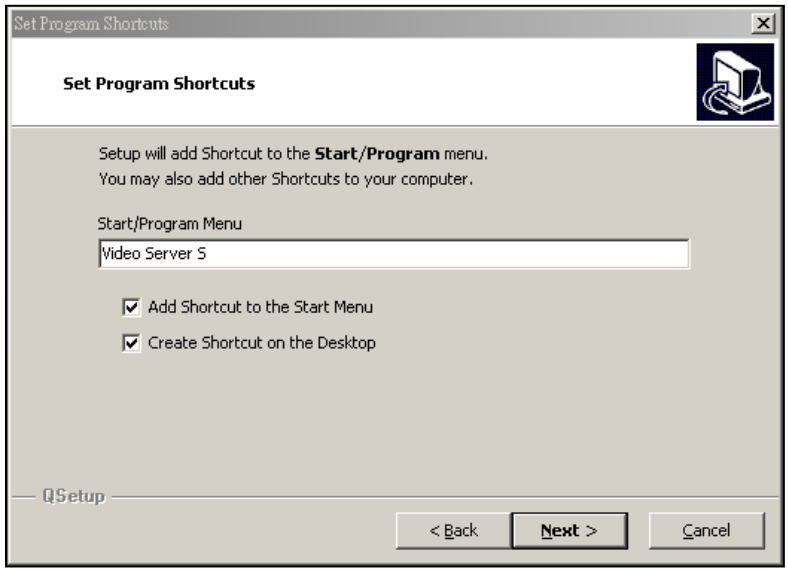
2. Press “Next”.


Welcome
Welcome to Video Server S Setup program. This program will install Video Server S on your computer.
It is strongly recommended that you exit Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any program you have running. Click Next to continue with this Setup program.
WARNING: This program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent
< Back
Next >
Cancel

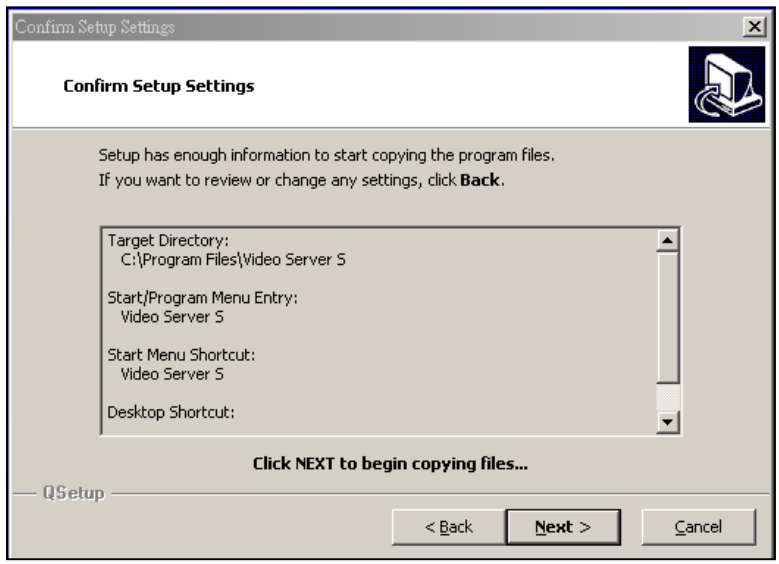
3. Choose destination location and press “Next”.


Choose Destination Location
Choose Destination Location
Setup will install Video Server S in the following directory.
To install to this directory, click Next.
To install to a different directory, click Browse and select another directory.
Destination Directory
Browse...
C:\Program Files\Video Server S
Space required on drive: 2.86 MB
Space available on drive: 14753.3 MB
QSetup
< Back
Next >
Cancel

4. Set program shortcuts setting and press “Next”.


Set Program Shortcuts
Set Program Shortcuts
Setup will add Shortcut to the Start/Program menu.
You may also add other Shortcuts to your computer.
Start/Program Menu
Video Server S
Add Shortcut to the Start Menu
Create Shortcut on the Desktop
QSetup
< Back
Next >
Cancel

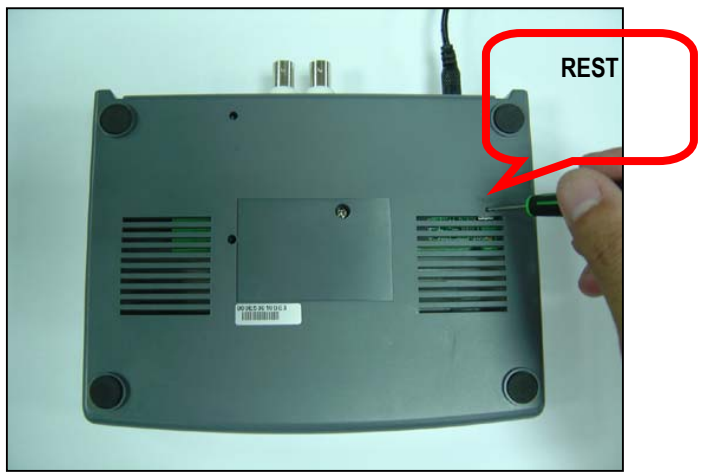
5. Press “Next” to begin copying files



6. After the installation, there are 6 files and 1 folder in your assigned path (file folder) as below.

SYSTEM RESET

Before first using Video Web Server, please connect power with Video Web Server and push the button under the unit more than 5 seconds to reset the setting.

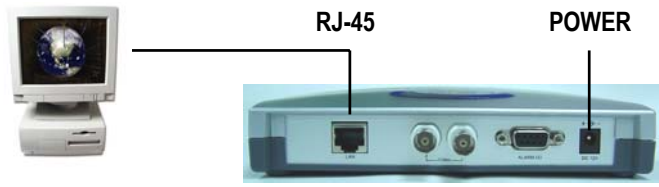


Static IP Setting

Step 1 : IP SETTING

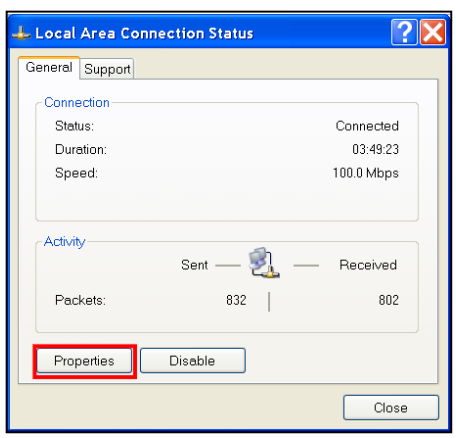
1. Connect PC or Notebook with Video Web Server with crossover LAN cable.

Note : In some operation environments, users might need the standard CAT5 cable.

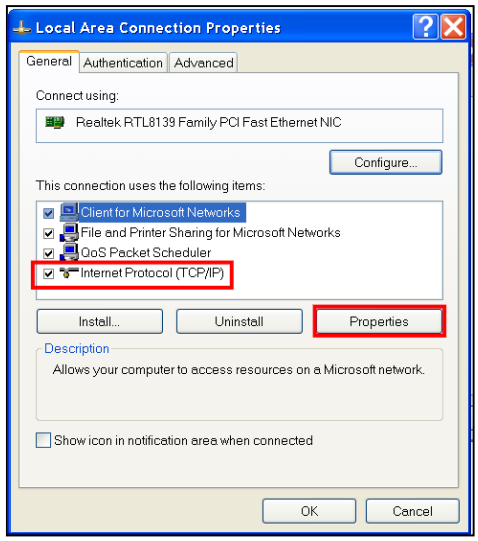


2. Network setting for PC. (The instruction is based on Win XP O/S. If your O/S is Win 2000 or Win 2003, the setup procedure is similar to that on Win XP O/S.)

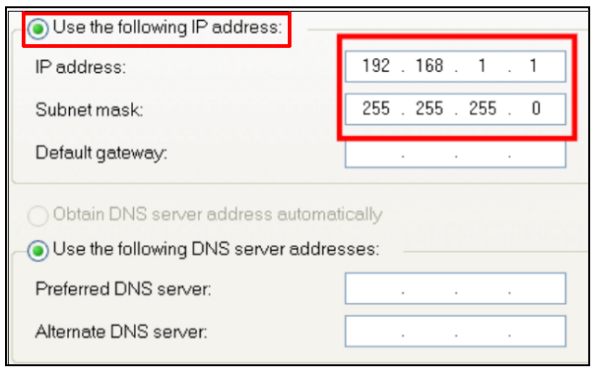
3. Click on "Properties" for TCP/IP setup



4. Click on “INTERNET PROTOCAL (TCP/IP)” and then select “Properties” to setup



5. Click on “Use the following IP address” and set IP address and subnet mask


Use the following IP address:
IP address:
192 . 168 . 1 . 1
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:

NOTE :

1. Before changing the PC network setting, please write down the original network setting in order to recover the original setting after the setup.

2. The IP address should be like 192.168.1.XXX. The setting of “XXX” could be set from 1 to 254 besides 10(Because the IP 192.168.1.10 is the default IP); the subnet mask is 255.255.255.0.

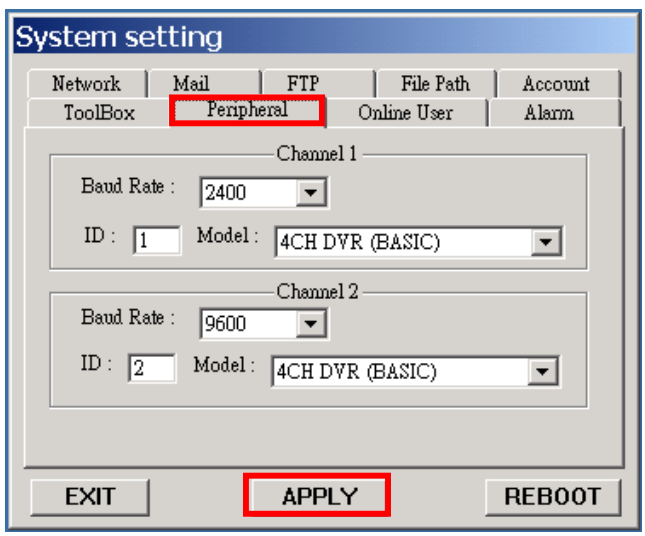
Step 2 : VIDEO WEB SERVER SETTING

1. To configure the Server IP, please click twice to enter the setup.

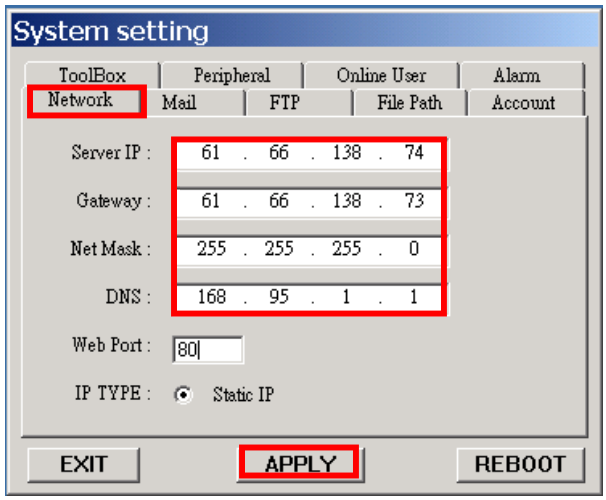
2. Key in User Name, Password, and Server IP (The default setting of User Name and Password are admin; Server IP is 192.168.1.10, Port : 80). Then click OK to connect.

3. When you see the control bar it means that , you have successfully logged in the program of the Video Web Server. Click on"System Config" to set up.

4. In the Peripheral setting, set baud rate, ID and model which you want to remote control later. Press "APPLY" to enable the change after the setting.



5. Click on “System Config” again. In the Network setting, set server IP, gateway, net mask and DNS which are provided from your local ISP (internet service provider). Press “APPLY” to enable the change after the setting.

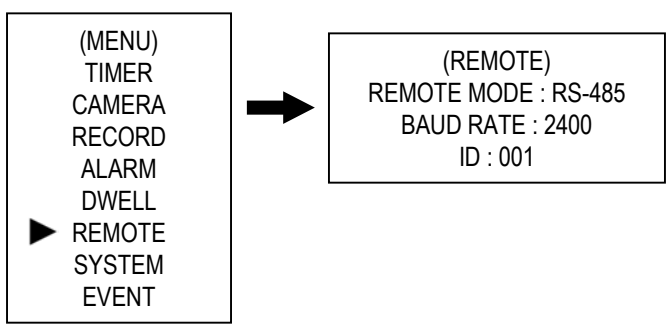


6. Disconnect PC and Video Web Server, and then link the static IP to the RJ-45 of video web server.

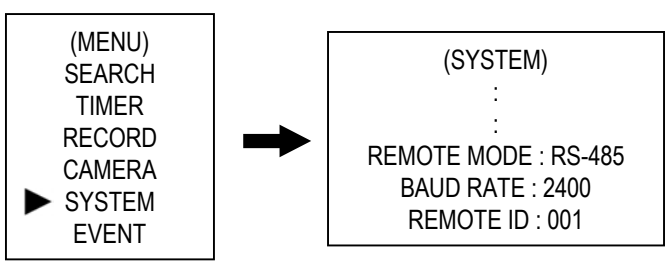
Step 3 : DVR REMOTE SETTING

1. Connect the DVR and monitor.
2. In the “Remote” setting, set the baud rate and ID that are the same as “Peripheral” setting in the Video Web Server. And set remote mode to RS-485 (see example below).

A. 1 / 4 CH DVR

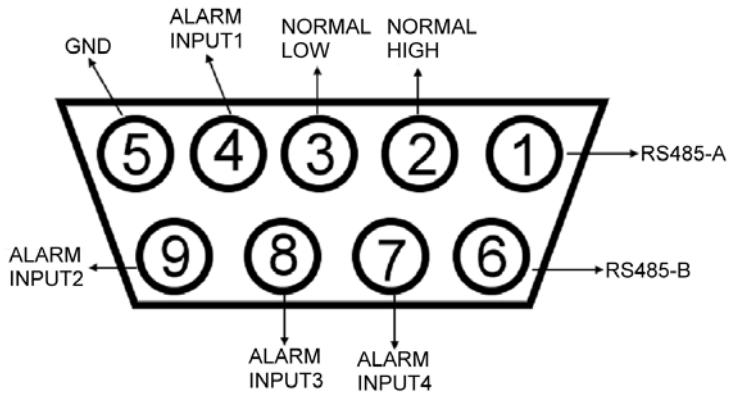


B. 4 / 9 / 16 CH DMR



Step 4 : PIN CONFIGURATIONS

After the remote setting, you have to connect DVR with the pins.



PIN 1, 6. RS485-A, RS485-B

Use RS485-A & RS485-B serial communication signals to control digital units just like that to control DVR.

PIN 4, 7, 8, 9. ALARM INPUT

Use PIN 4,7,8,9 to receive the alarm input and then trigger Video Server to send mail to users for auto e-mail warning system. (Alarm1, 2 are for CH1; alarm3, 4 are for CH2)

PIN 5. GND

Ground

PIN 2, 3. NORMAL HIGH, NORMAL LOW

Use PIN 2 or 3 to trigger external device to act.

Please see the example picture below for 1CH/4CH DVR.

Step 5 : CONNECT PC VIA INTERNET

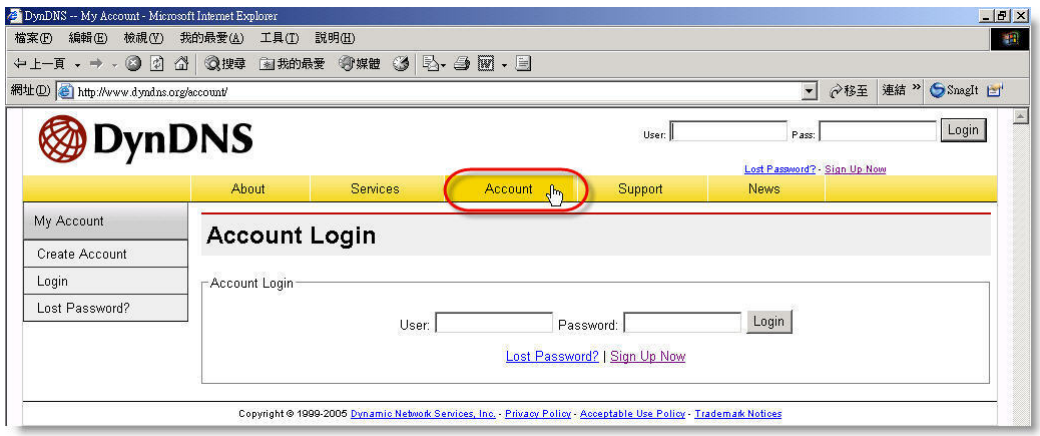
1. Change PC network setting to the original setting and link PC to the internet.

2. Click twice and enter your User name, Password (Note : If you never change the "Account" before, the User Name and Password are both "admin") and static IP which you have set to Video Web Server in step 4.5. Then click OK to connect.

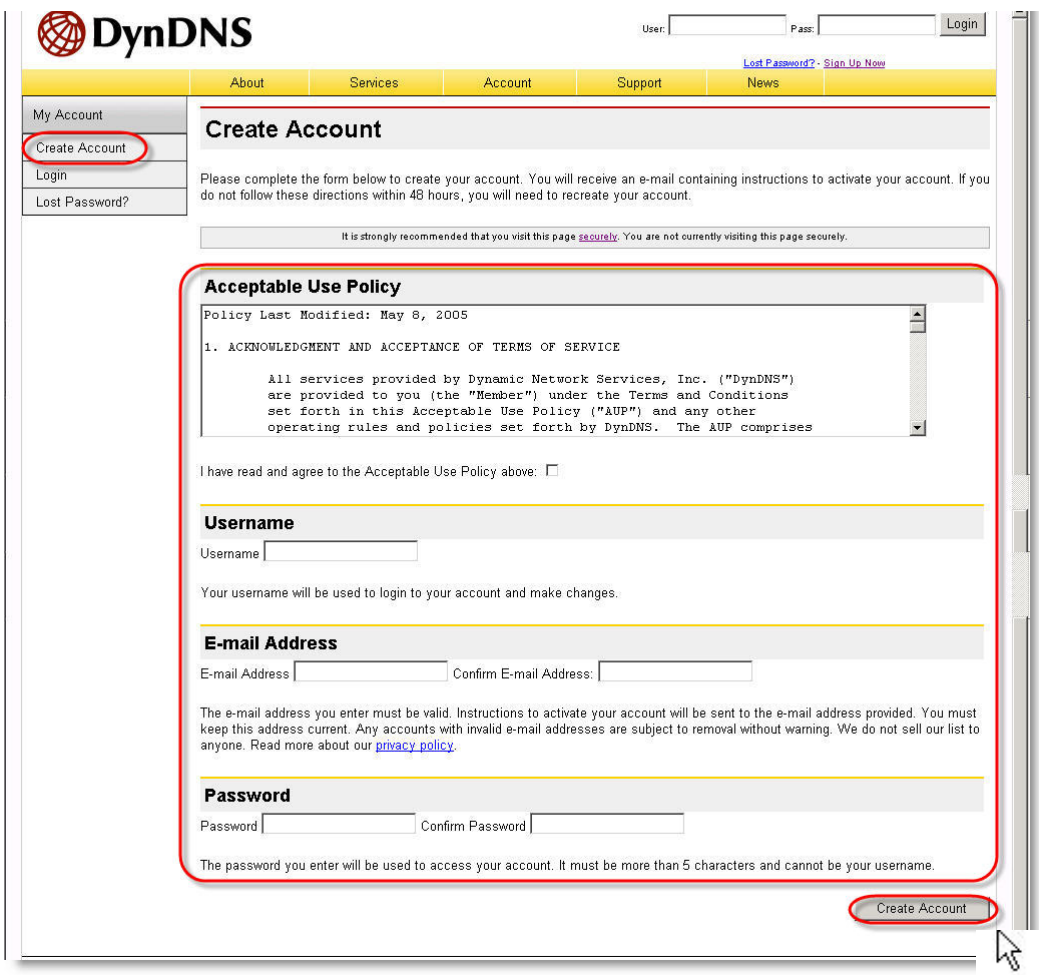
Step 1 : DDNS APPLY

Go to a website which provide free DDNS services.
For example, "http://www.dyndns.org". Create an account in DynDNS.

1. Click on "Account", then you can see the following page.

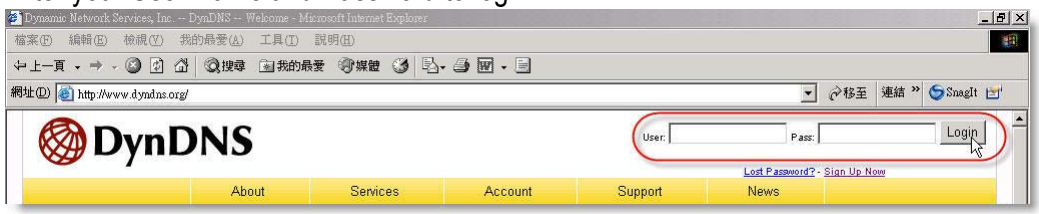


2. Click on "Create Account", then you can see the following page.
   Register the information and then click on "Create Account".

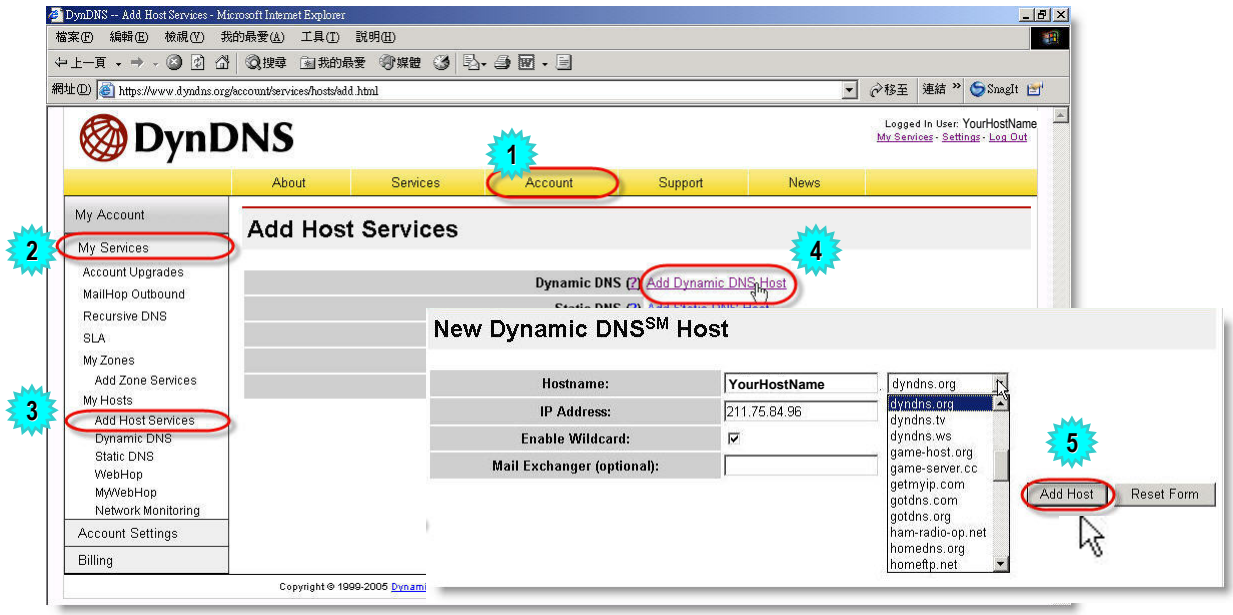

DynDNS
User:
Pass:
Login
Lost Password? - Sign Up Now
About
Services
Account
Support
News
My Account
Create Account
Login
Lost Password?
Create Account
Please complete the form below to create your account. You will receive an e-mail containing instructions to activate your account. If you do not follow these directions within 48 hours, you will need to recreate your account.
It is strongly recommended that you visit this page securely. You are not currently visiting this page securely.
Acceptable Use Policy
Policy Last Modified: May 8, 2005
1. ACKNOWLEDGMENT AND ACCEPTANCE OF TERMS OF SERVICE
All services provided by Dynamic Network Services, Inc. ("DynDNS") are provided to you (the "Member") under the Terms and Conditions set forth in this Acceptable Use Policy ("AUP") and any other operating rules and policies set forth by DynDNS. The AUP comprises
I have read and agree to the Acceptable Use Policy above:
Username
Username
Your username will be used to login to your account and make changes.
E-mail Address
E-mail Address
Confirm E-mail Address:
The e-mail address you enter must be valid. Instructions to activate your account will be sent to the e-mail address provided. You must keep this address current. Any accounts with invalid e-mail addresses are subject to removal without warning. We do not sell our list to anyone. Read more about our privacy policy.
Password
Password
Confirm Password
The password you enter will be used to access your account. It must be more than 5 characters and cannot be your username.
Create Account

3. After created your account, you will receive an confirmation e-mail within a few minutes. To complete registration, please follow the directions that you will receive. You must complete these steps within 48 hours to complete your registration. If you do not the confirmation e-mail within an hour or so, request a "password reset" (http://www.dyndns.org/account/resetpass/)

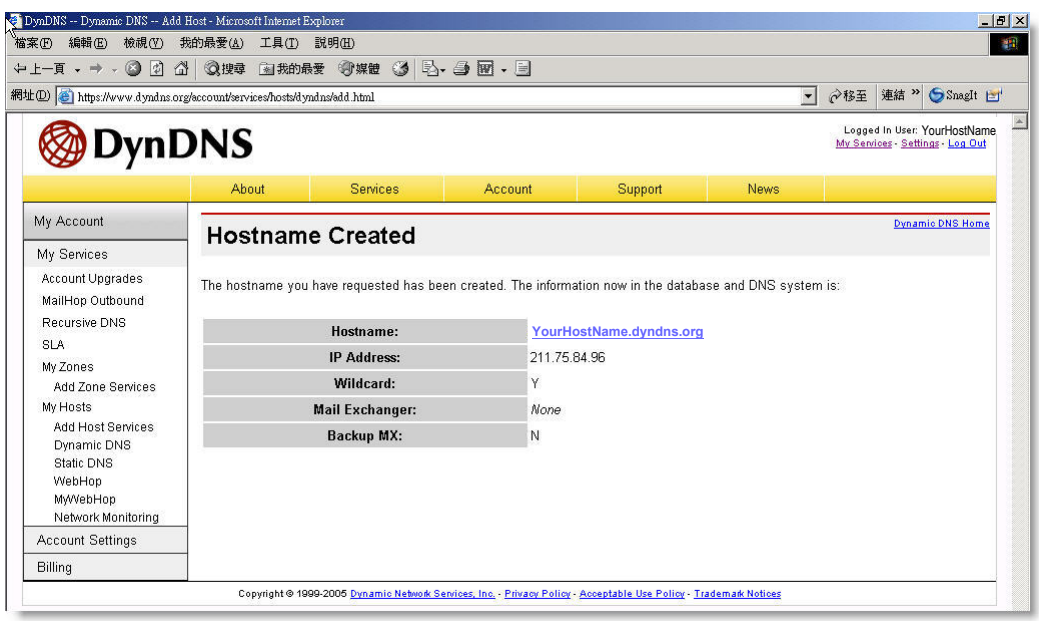
4. Enter your User Name and Password to login.



5. Create Host Name.
Login → "Account" → "My Service" → "Add Host Services" → "Add Dynamic DNS Host" → Enter and choose the hostname → Click on "Add Host".



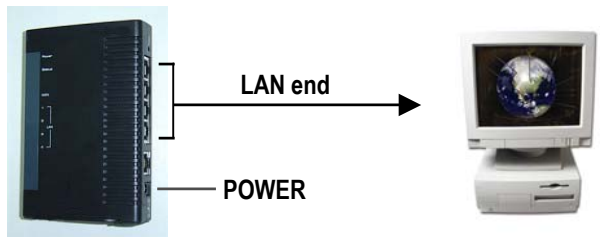
6. DDNS Host Name Created.


DynDNS
Hostname Created
The hostname you have requested has been created. The information now in the database and DNS system is:
Hostname: YourHostName.dyndns.org
IP Address: 211.75.84.96
Wildcard: Y
Mail Exchanger: None
Backup MX: N

Step 2 : LOGIN ROUTER

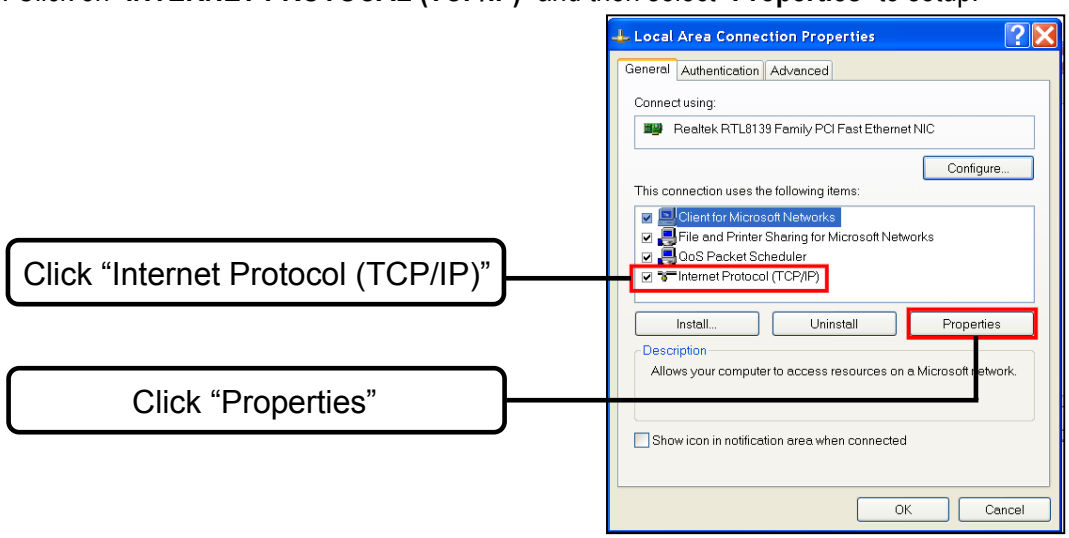
The settings of router are different from router to router. The following instructions are just an example. For detail setting instructions, please read the manual of your router.

1. Connect PC and router.

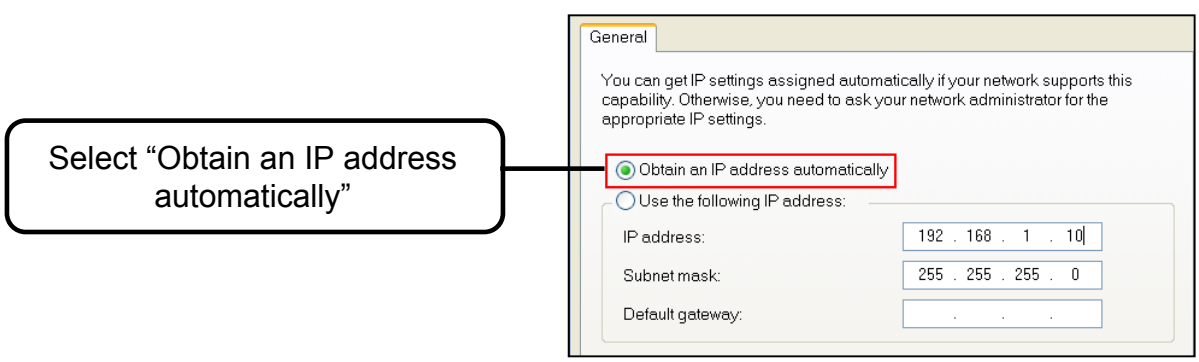


2. Network setting for PC.
   For **Microsoft Windows XP**: Go to "**Start** " → **right click** on "**My Network Places** " → select "**Properties**" → **Right click** on the "**Network Connection**" associated with the Ethernet adapter and select "**Properties**".

3. Click on "**INTERNET PROTOCAL (TCP/IP)**" and then select "**Properties**" to setup.



4. Choose "Obtain an IP address automatically", and then click "OK".


Select "Obtain an IP address automatically"
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
192 . 168 . 1 . 10
Subnet mask:
255 . 255 . 255 . 0
Default gateway:

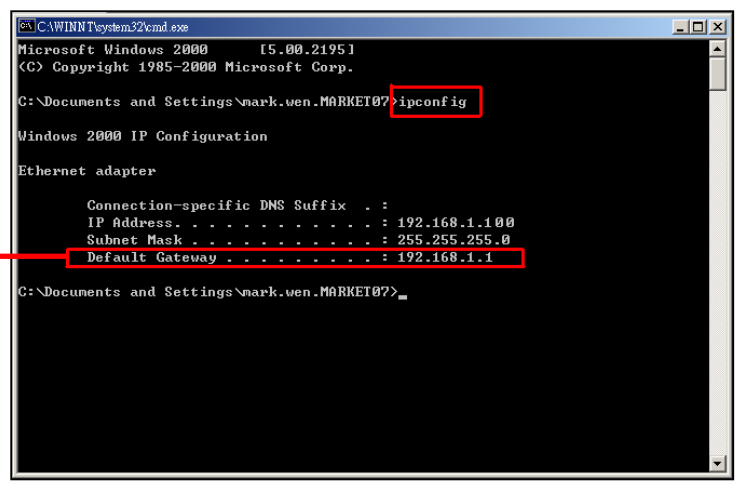
5. Open your Web browser and type the IP address (router's gateway) into the URL address box. Then press the Enter key.

6. The logon pop-up screen will appear.
Type router's "user name" and "password" , and click "OK".

Note: Usually, the IP address (router's gateway) will mention in the router's manual. If you can't find this information, you could follow the instructions bellow:

Go to **Start** → select "**Command Prompt**" → type "**ipconfig**" into the blank column → press the Enter key → then you will see the following screens →
write down the default gateway, for example, 192.168.1.1 → close this window.

Default Gateway

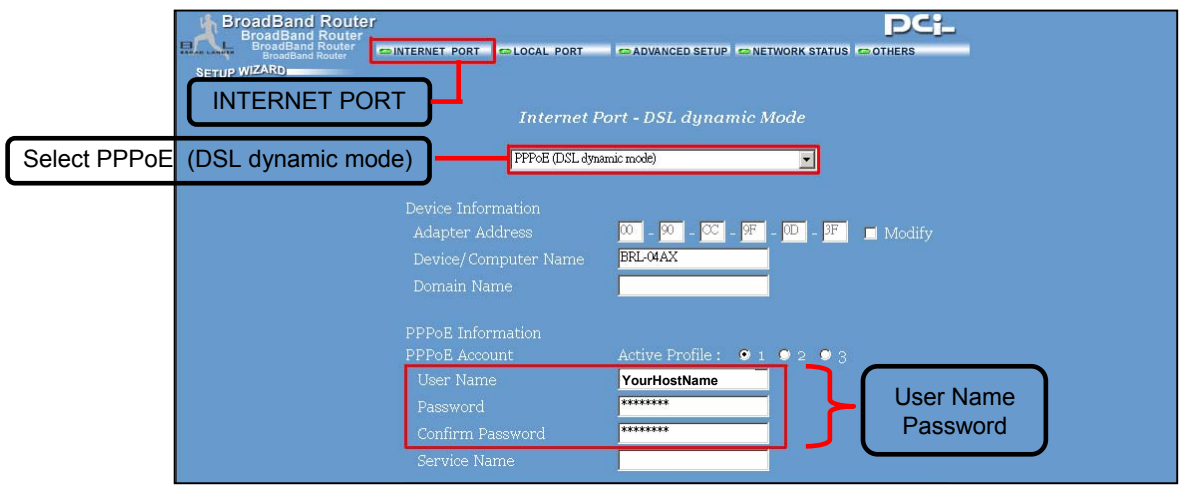

C:\WINNT\system32\cmd.exe
Microsoft Windows 2000 [5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.
C:\Documents and Settings\mark.wen.MARKET07>ipconfig
Windows 2000 IP Configuration
Ethernet adapter
Connection-specific DNS Suffix . :
IP Address. . . . . : 192.168.1.100
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.1
C:\Documents and Settings\mark.wen.MARKET07>

Step 3 : ROUTER SETTING

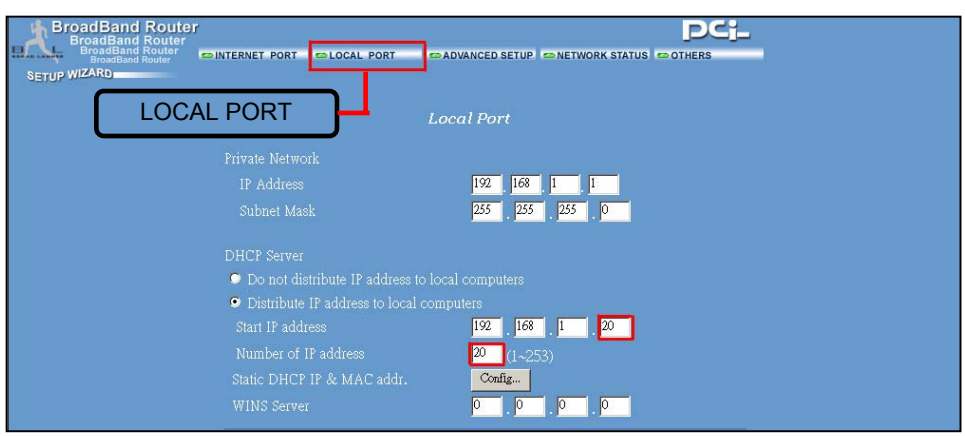
Once you have logged in, the Home screen will appear.
In the router setting, you have to do the following setting:

- ❑ **Dial setting**
- ❑ **DHCP setting**
- ❑ **Virtual server setting**
- ❑ **DDNS setting**

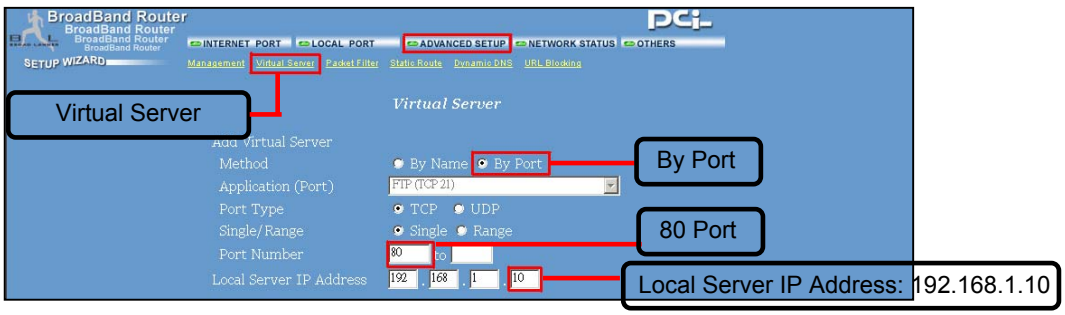
1. **Dial setting**: Click “INTERNER PORT” and choose your Internet Connection Type (WAN), for example, choose PPPoE. Enter your “User Name” and “Password” provided by your ISP. And then press save.



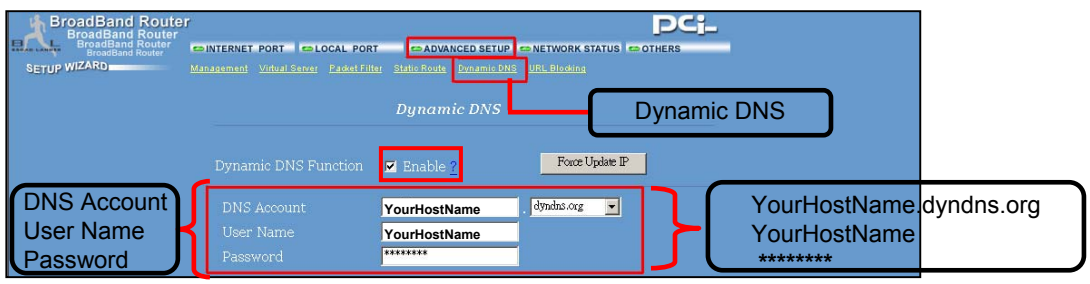
2. **DHCP setting**:
Click “LOCAL PORT” and set “Start IP address” and “Number of IP address”. (For example, if the IP address of Video Web Server is 192.168.1.10, so “10” is excluded from the your setting range). Press save after you finish set up.



3. **Virtual server setting** :
In “ADVANCED SETUP > **Virtual Server**”. Choose the method to “By Port”.
Then, set “Port Number” as 80 and “Local Server IP Address” as 192.168.1.10.
(The default Video Web Server IP and port) for your Video Web Server.
And then press save.

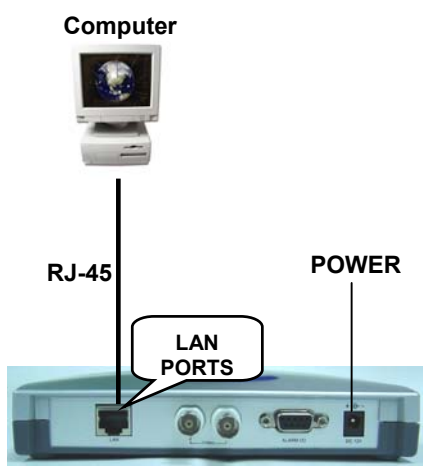


4. **DDNS setting** :
In “ADVANCED SETUP / **Dynamic DNS**”. Type the “DDNS Hostname” into “DNS Account”. And type “DDNS User Name” and “DDNS Password” that you applied in step 1. Press save after you set up.



Step 4 : IP SETTING

1. Connect PC or Notebook with Video Web Server with crossover LAN cable. Note : In some operation environments, users might need the standard CAT5 cable.



Your Video Web Server

2. Network setting for PC. (The instruction is based on Win XP O/S. If your O/S is Win 2000 or Win 2003, the setup procedure is similar to that on Win XP O/S.)

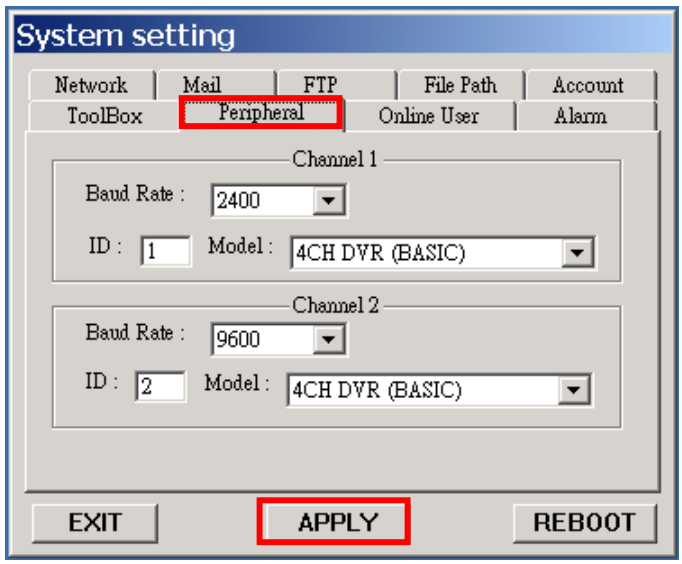
Step 5 : VIDEO WEB SERVER SETTING

1. To configure the Server IP, please click **to enter the setup.**

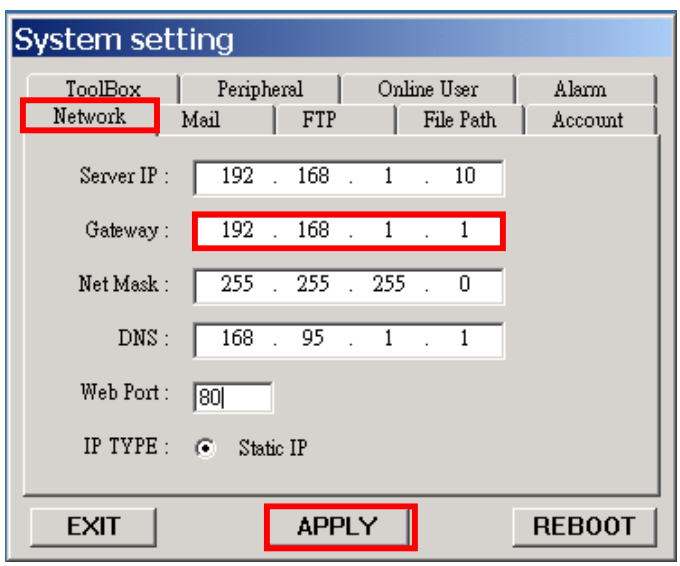
2. Type User Name, Password, and Server IP address
(The default setting of User Name and Password are both "admin"; and the default IP address is 192.168.1.10, Port : 80).
Then click "OK" to connect to Video Web Server.

3. When you see the control bar, you have successfully logged in the program of the Video Web Server. Click on “System Config” to set up.

4. In the Peripheral setting, set baud rate, ID and model which you want to remote control later. Press “APPLY” to enable the change after the setting.



5. Click on “System Config” again. In the Network setting, set gateway as same as the router’s gateway(192.168.1.1). Press “APPLY” to enable the change after the setting.

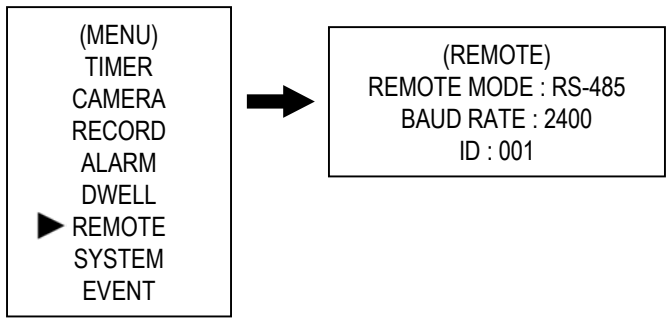


Step 6 : DVR REMOTE SETTING

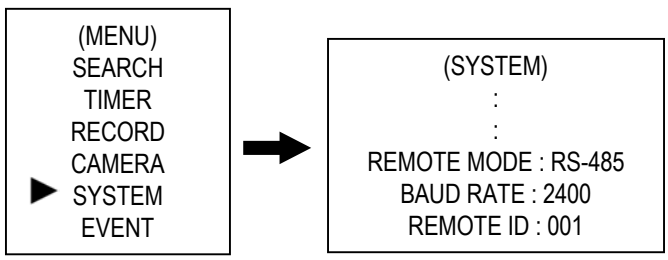
1. Connect the DVR and monitor.

2. In the "Remote" setting, set the baud rate and ID same as "Peripheral" setting in the video web server. And set remote mode to RS-485.(see example below)

A. 1 / 4 CH DVR

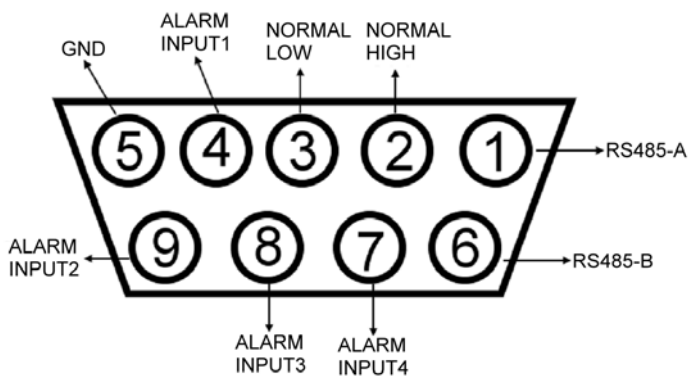


B. 4 / 9 / 16 CH DMR



Step 7 : PIN CONFIGURATION

After the remote setting, you have to connect DVR and the system with the pins.



PIN 1, 6. RS485-A, RS485-B

Use RS485-A & RS485-B serial communication signals to control digital units just like that to control DVR.

PIN 4, 7, 8, 9. ALARM INPUT

Use PIN 4,7,8,9 to receive the alarm input and then trigger Video Server to send mail to users for auto e-mail warning system. (Alarm1, 2 are for CH1; alarm3, 4 are for CH2)

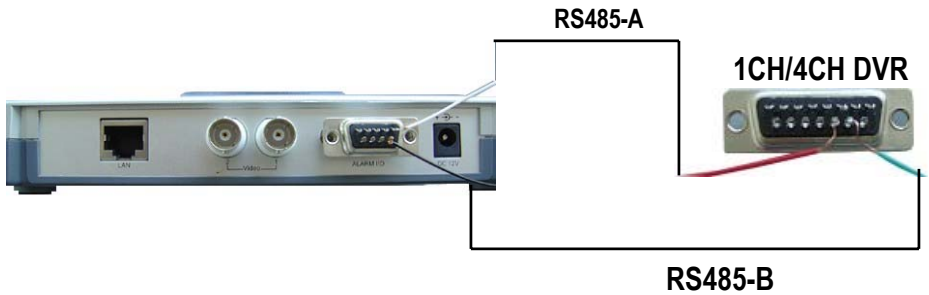
PIN 5. GND

Ground

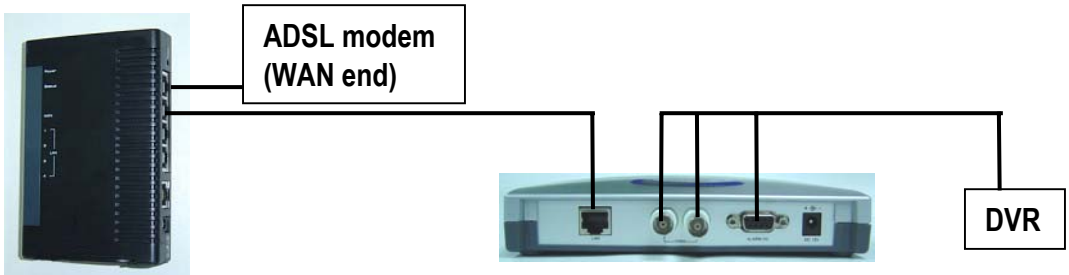
PIN 2, 3. NORMAL HIGH, NORMAL LOW

Use PIN 2 or 3 to trigger external device to act.

Please see the example picture below for 1CH/4CH DVR.



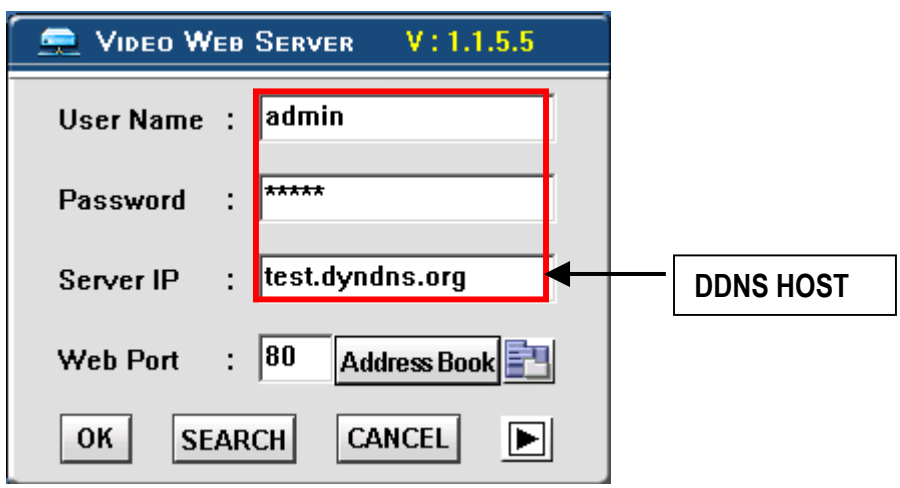
Step 8 : CONNECT ALL DEVICES



Step 9 : CONNECT PC VIA INTERNET

1. Change PC network setting to the original setting and link PC to the internet.

2. Click twice and enter your User name, Password and host which you have set to Video Web Server. (Note : If you never change the "Account" before, the User Name and Password are both "admin"). Then click OK to connect.



NOTE :

Static IP

1. In step 1.5 : Please make sure that your IP address should be 192.168.1.XXX. The setting of "XXX" could be set from 1 to 254 besides 10 (Because the IP 192.168.1.10 is default IP)
2. In step 2.4 : Please make sure that the Peripheral setting should be as same as setting of DVR which you want to remote later.
3. In step 5.2 : The Server IP is the IP you set in step 2.5.

Dynamic IP

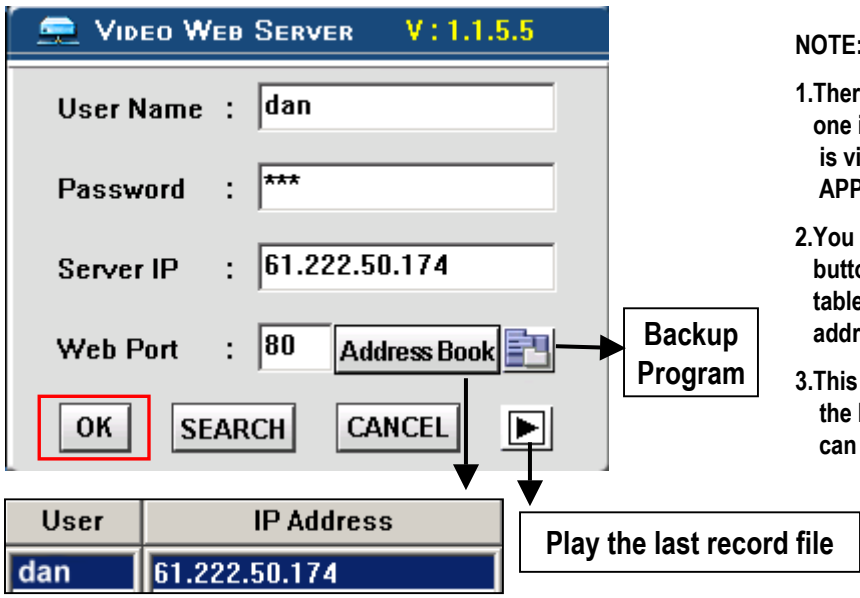
1. In step 1.7 : Some routers don't support some DDNS HOST.
2. In step 2.1 : Please use router's LAN end to connect PC.
3. In step 2.8 : Please use IE browser to enter router's gateway.
4. In step 3.1 : Please make sure that you have pressed save after you finish setting.
5. In step 3.2 : Please make sure that you have pressed save after you finish setting.
6. In step 3.3 : Please make sure that you have pressed add after you finish setting.
7. In step 3.4 : Please make sure that you have pressed save after you finish setting.
8. In step 5.4 : Please make sure that the Peripheral setting should be as same as setting of DVR which you want to remote later.
9. In step 8 : Please use router's LAN end to connect Video Web Server. Use WAN end connect ADSL modem.
10. In step 9.2 : The Server IP is the DDNS HOST which you set in step 3.4.

SOFTWARE OPERATION AT CLIENT SITE

Follow the steps for connection at your client site (remote site). (e.g. If you set up the server at your office with one static ADSL, you can remotely proceed to watch the video anywhere with a networked computer.)

Step 1：Click twice to enter Login setup (please refer to "software installation")

Step 2：Key in "User Name" and " Password". Click "OK" to establish the connection.



NOTE:

1. There are two ways to get the software, one is via attached CD, and the other is via Video Web Server.(Refer to APPENDIX#4)
2. You can press "Address Book" button to add a new IP into this table or choose any logined IP address to access the Video Server.
3. This function is designed to store the list of IP addresses which you can control and manage.

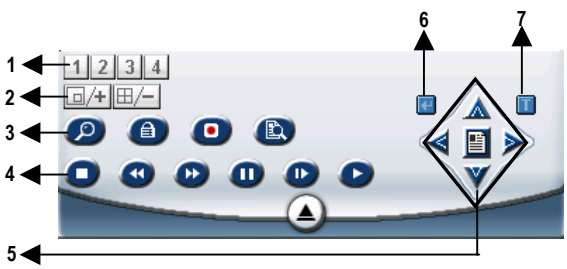
Step 3：If you could see the video screen as following, you have been successfully connecting to the server.

[Introduction of Basic Operation]

A. Video Web Server control panel

1. Image transmission rate per second
2. Video CHs
3. Data transmission rate
4. Connection/Disconnection
5. Resolution : D1、CIF
6. Image quality : High、Middle、Low
7. Image adjusting : Brightness/ Contrast/ Saturation
8. Snapshot : press this button, the image will be automatically saved in the PC.
9. Record : press this button, the recording file will be saved in the PC automatically.
10. System config
11. Number of online users

B. Digital device control panel



1. CH1-4
2. PIP/+, QUAD/-
3. Zoom, Lock, Record, Search
4. Stop, Rewind, Fast Forward , Pause, Slow, Play
5. Menu / up / down / left / right
6. Enter
7. TURBO*

NOTE：

1.When you setup the video input from DVR, the screen will show the operation interface above.

2.Take 16 CH DVR as an example to explain the operation (please refer to DVR user manual & APPENDIX#1 for details)

3.After you press the record icon, there will be a recording file in the path that you have set.
Each recording file can be save up to 6000 frames.
The recording file will be assigned to the second file if it is more than 6000 frames.
Besides, if the HDD space is less than 200MB, the program will stop recording.

To speed up menu selecting under video web server or PTZ shifting speed, you can activate "Turbo" function by clicking this button. Users are allowed to change the turbo steps from 1 to 10.
For turbo step setting, you can enter system config, and click "toolbox" submenu to select the number of turbo step. Ex. If you set "3" for turbo step, then when you press one of the button up/down/left/right, one mouse click will as if you click 3 times.

PLAYBACK OPERATION

Please find a recording file in the PC and click twice on it to playback.

1. On Screen Display
2. Snapshot
3. Stop
4. Pause
5. Slow (1/2, 1/4, 1/8, 1/16, 1/32)
6. PLAY
7. Fast
8. OSD show / hide
9. System setting (Path of snapshot, text color, progress color, channel color)
10. Next Video
11. Duration time / Status
12. Playback controlling bar

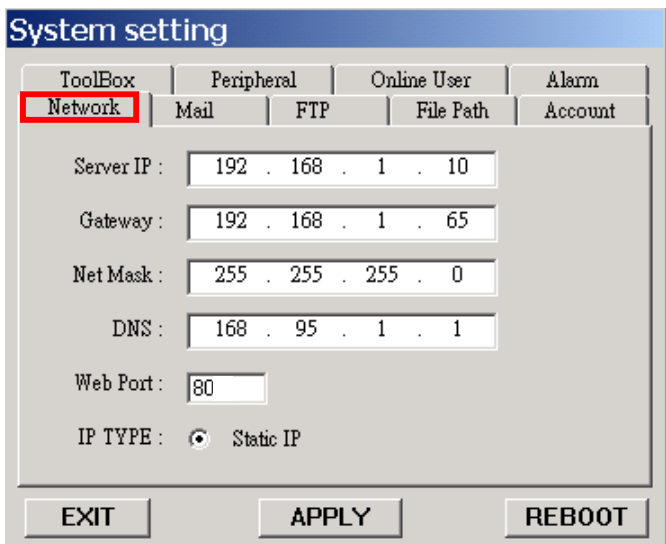
ADVANCED SETTING

Click on “System Config” for advanced setting.

SYSTEM CONFIG

NOTE :
Apply--
After all setting changes, press “apply” to refresh the data in the Video Web Server.
Reboot--
Press this button to restart Video Web Server.

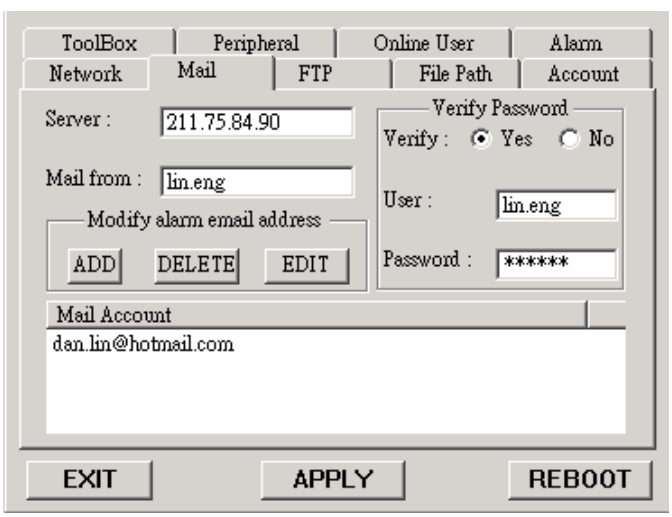
Network



To set up the network setting of the Video Web Servers, check with your network administrator or Internet Service Provider.

1. **You can get all the information, Server IP, Gateway, Net Mask & DNS, from ISP company.**
2. **Web Port : You can control Video Web server via it.**
3. **IP Type : This unit only supports Static IP address, if you want to use Dynamic IP, please get it via a Router.**

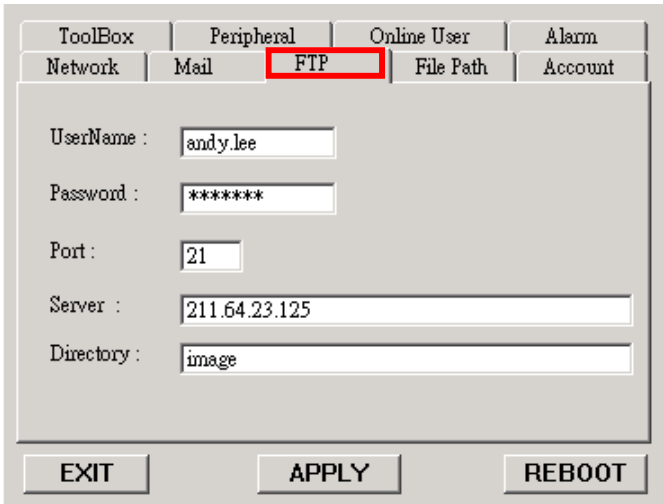
MAIL



When the alarm is triggered, the Video Web Server will capture the instant picture and e-mail the captured image to the assigned recipients.

1. **You can get all the data from the ISP company or by mailing to the server supplier.(POP3/SMTP server)**
2. **You should set the mail list which you want to send to when the alarm is triggered.**
3. **If it is not necessary for you to verify password and user’s name, please choose Verify as “No”.**
4. **Please refer to appendix#3 for more details.**

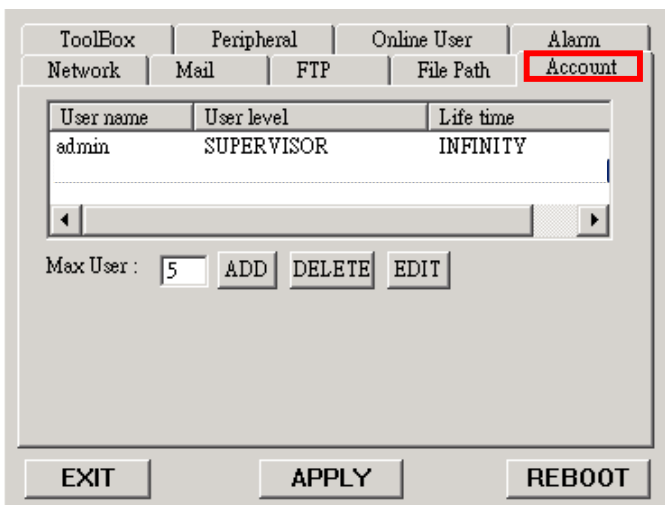
FTP



When the alarm is triggered, the video server will capture the instant picture and upload the captured image to the assigned FTP site.

1. **You can get all the data from your MIS department.**
2. **The default uploading port is No.21.**
3. **You can set the uploading directory by yourself.**

ACCOUNT



Set up the user's account(Max 10 accounts) , password and authority (Max 5 accounts on line at the same time) .

1.User's level:

SUPERVISOR-control all the functions

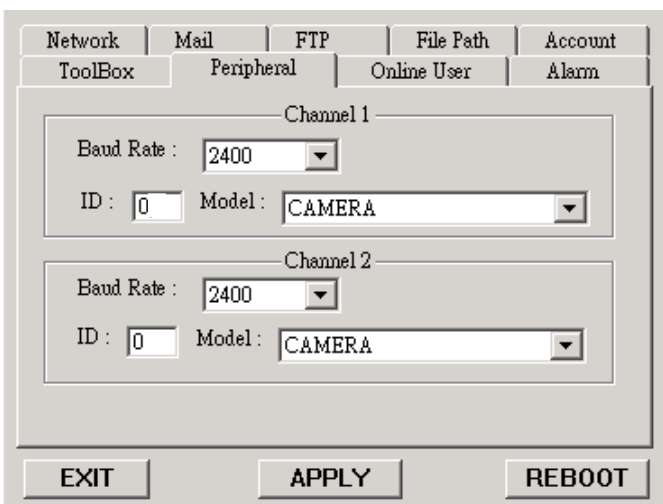
HIGH LEVEL-control advanced functions

NORMAL -control basic functions only

GUEST LEVEL –watch the image only

2.Life time : During the period of time, users are allowed to control the Video Web Server.

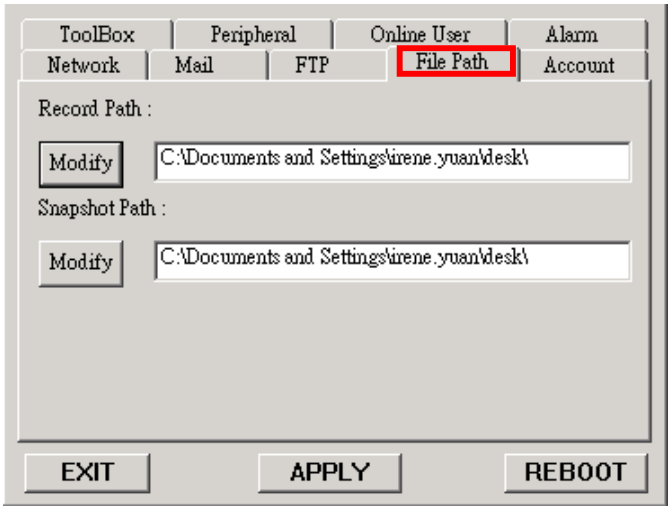
PERIPHERAL



You can set up all the peripheral setting in this Windows. (Refer to APPENDIX#1 & 2 for more details)

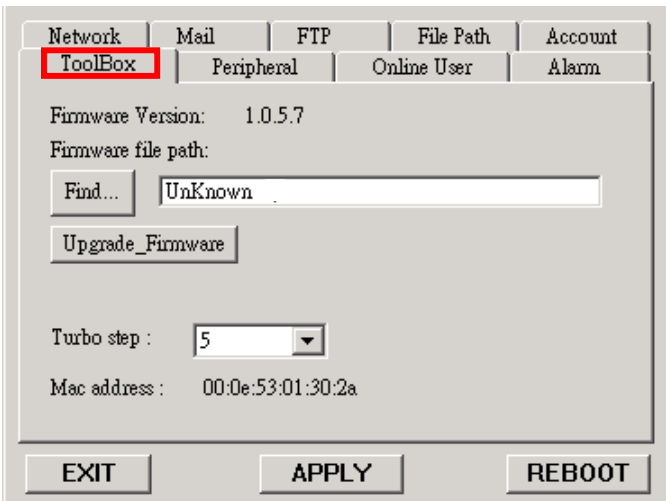
Peripheral Control : Set up video input device. You can select the devices then set up "Baud Rate & ID No." to control the equipments via Video Web Server.

File Path



You can modify the storing path for recording file and snapshot images by yourself.

TOOLBOX

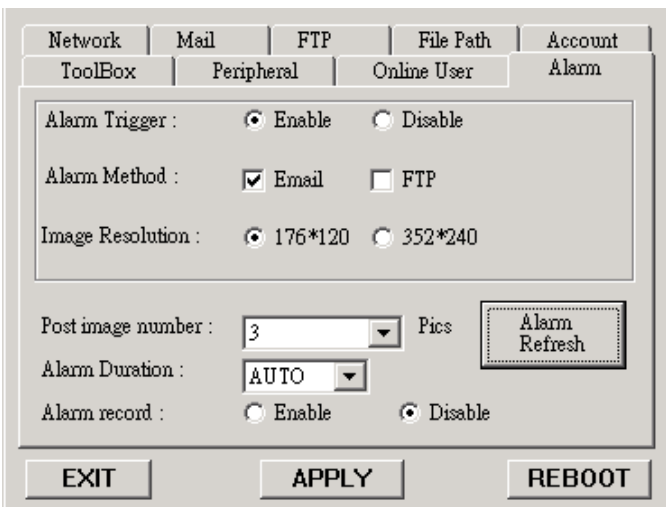


Upgrade the firmware and get the online users' information.

NOTE :
Do not reboot the Video Web Server while it is upgrading the firmware.

1. **Firmware Version** : The current firmware version. You can click on the "Find" button to get the latest firmware from PC and press "Upgrade Firmware" to upgrade it.

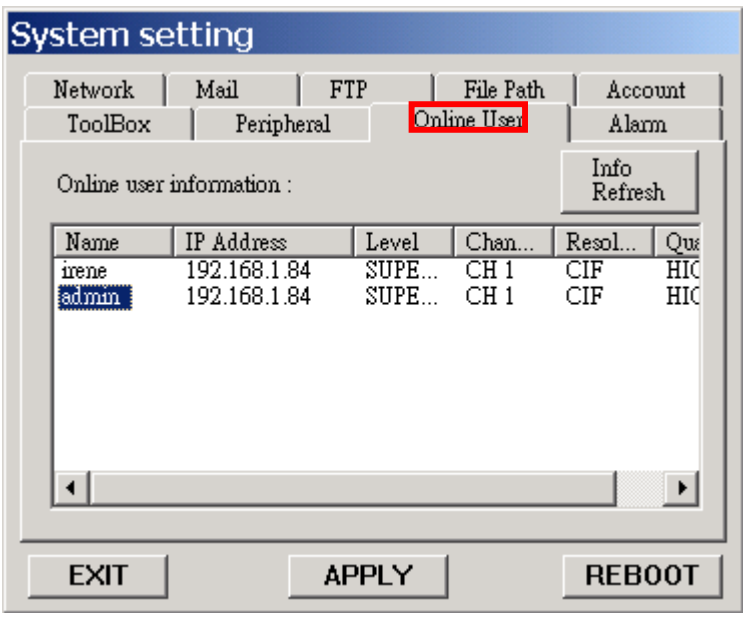
ALARM



Set up the ALARM function. You can use it to operate "alarm trigger recording" function.

1. **Alarm :** Enable or disable Alarm trigger function.
2. **Method** : Two selections—Email or FTP.
3. **Resolution** : Image storing resolution for Email or FTP function.
4. **Alarm Duration** : Alarm duration time.
5. **Post Image** : You can select how many images you need to store when alarm is triggered.
6. **Alarm record** : Enable or disable "Alarm trigger recording" function.
7. **Alarm refresh** : Clean the alarm message " " which is showed on the screen.

Online User



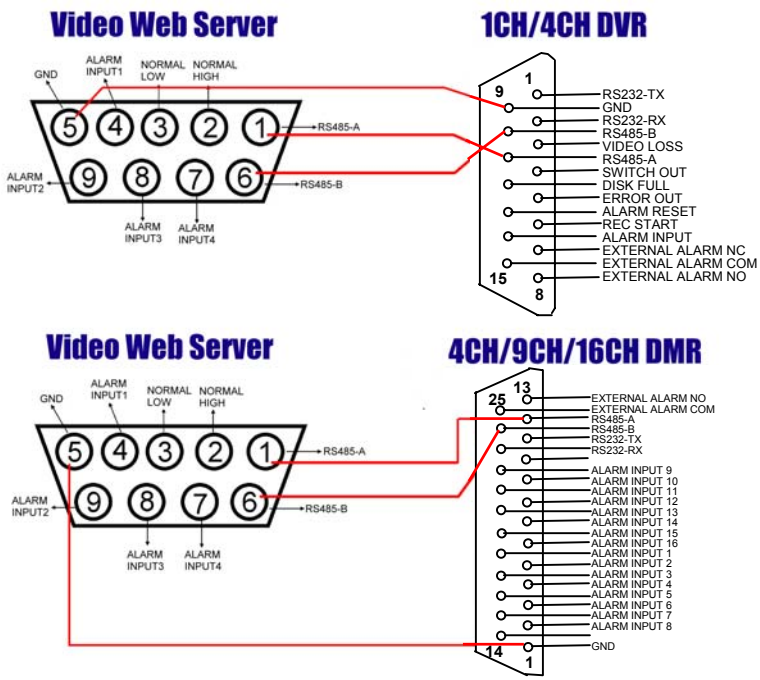
1. The information of online user.

2. Chat function. Users are on line at the same time and two of them can talk to each other. Click the name of the other user. A window as below will jump out. Click OK.

NOTE: Please turn (activate) all transmission TCP and UDP ports. Fire wall and similar software may disrupt normal transmission.

APPENDIX#1 DVR CONTROL

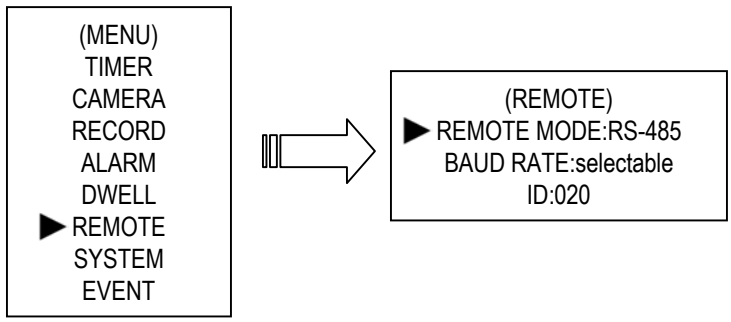
1) Connect the Sub-D plug of Video Web Server with our own brand DVR products.



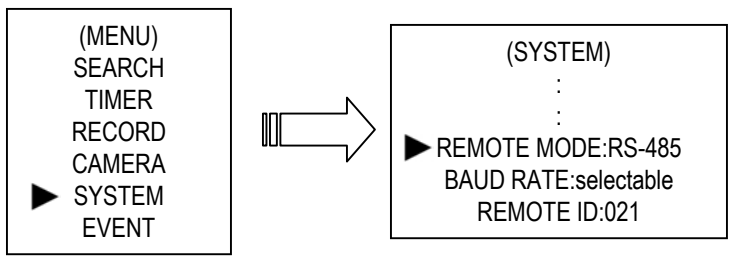
2) Set the “Remote” function in the DVR products.

NOTE :
Remote mode : RS-485, Baud rate : selectable, ID : same as “Peripheral Control” in the Video Web Server.

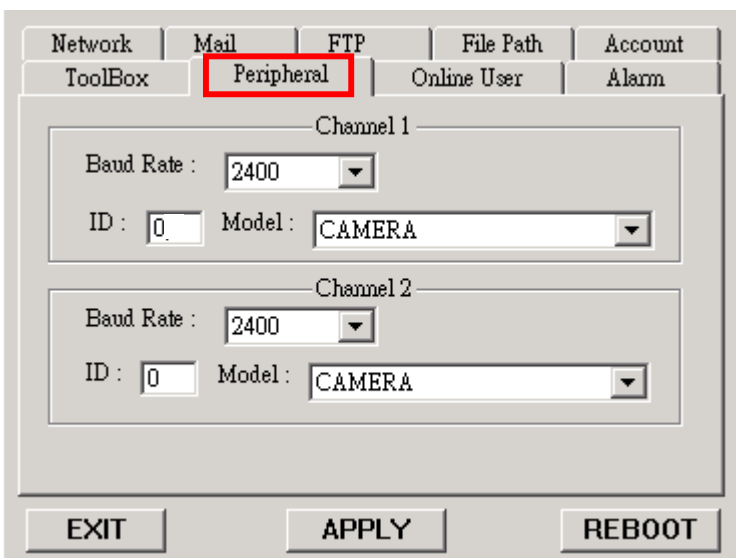
A. 1 / 4 CH DVR



B. 4 / 9 / 16 CH DMR

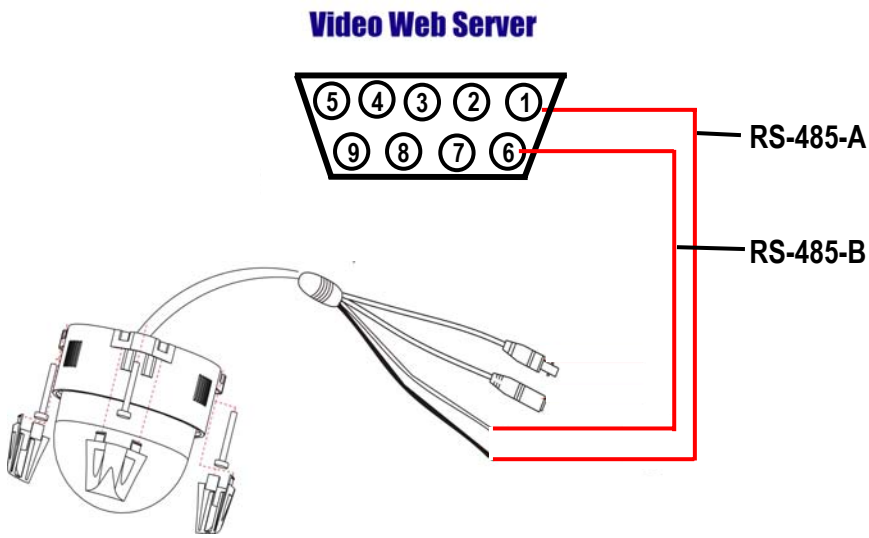


3) Set the “Peripheral Control” in the system config of Video Web Server.

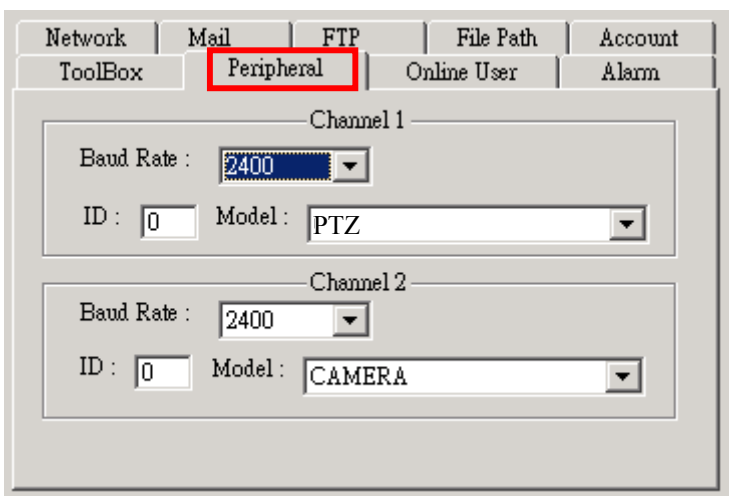


APPENDIX#2 PTZ CONTROL

1) Connect the Sub-D plug of Video Web Server with our own brand PTZ products.



2) Set the "Peripheral Control" in the system config of Video Web Server.

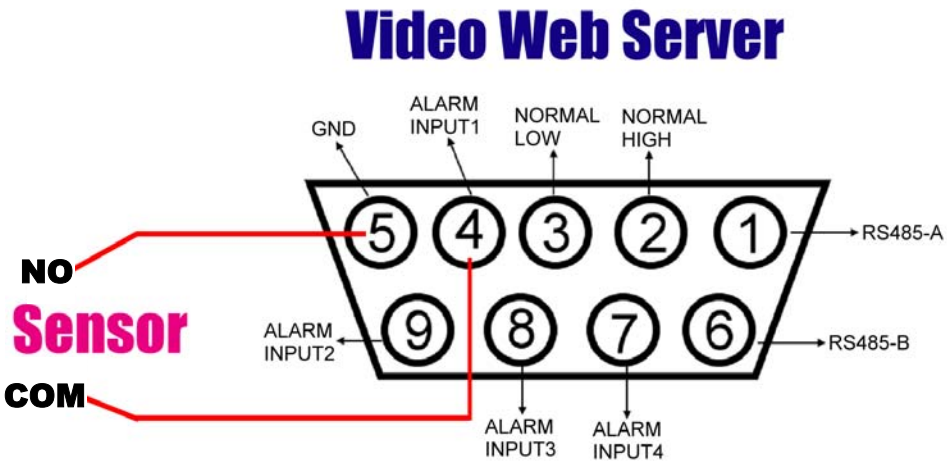


NOTE:

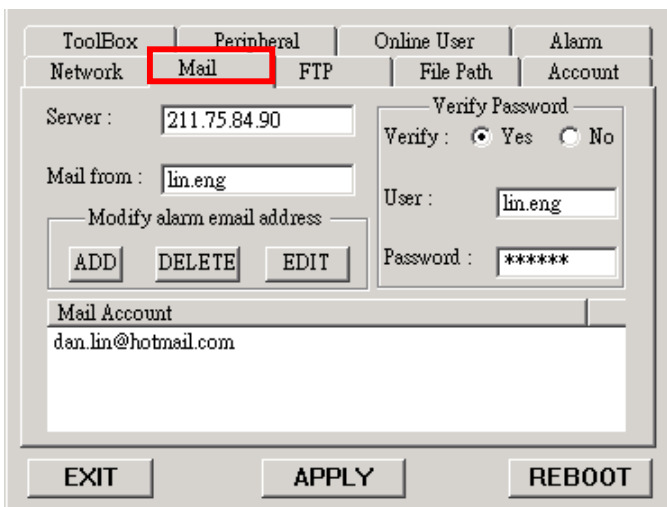
Set the ID as the PTZ ID value. The default value is "0".

APPENDIX#3 E-MAIL SENDING

1) Connect the Sub-D plug of Video Web Server with the COM/NO ports of Sensor.



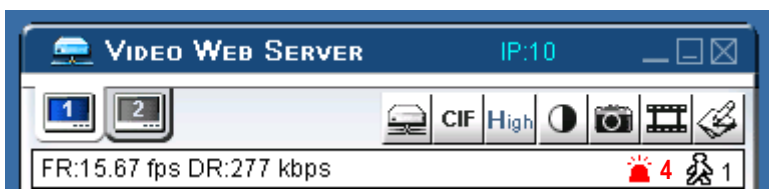
2) Set the "Mail setting" item in the system configure.



NOTE1 : You can get all the data from the ISP company or by mailing to the server supplier **(POP3/SMTP server)**.

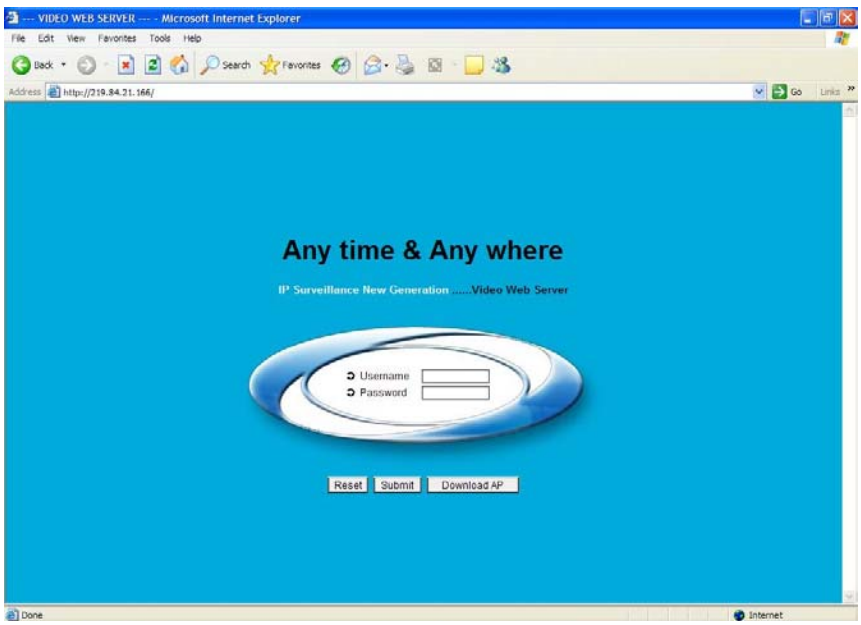
NOTE2 : You should set the mail list which you want to send to when the alarm is triggered.

NOTE3 : When the alarm is triggered, you can find ' " message showed on the screen.
Then **the AP will start recording automatically** and you can get the email with the snapshot image in your mailbox.



APPENDIX#4 SOFTWARE DOWNLOAD

STEP 1 : Download Video Web Server software form http://219.84.21.166. Press “Download AP”



STEP 2 : Install the software. There are six files and 1 folder in your assigned path (file folder) as below shower.

STEP 3 : Click twice and enter user name, password, server IP and Web port. Then click OK to connect.